

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036854.D
 Acq On : 08 Aug 2023 11:13
 Operator : JC/MD
 Sample : VX0808WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBL01

Quant Time: Aug 09 04:10:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	142018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97713	46.500	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.000%
35) Dibromofluoromethane	5.385	113	82303	46.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.647	98	304732	48.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	111908	47.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%

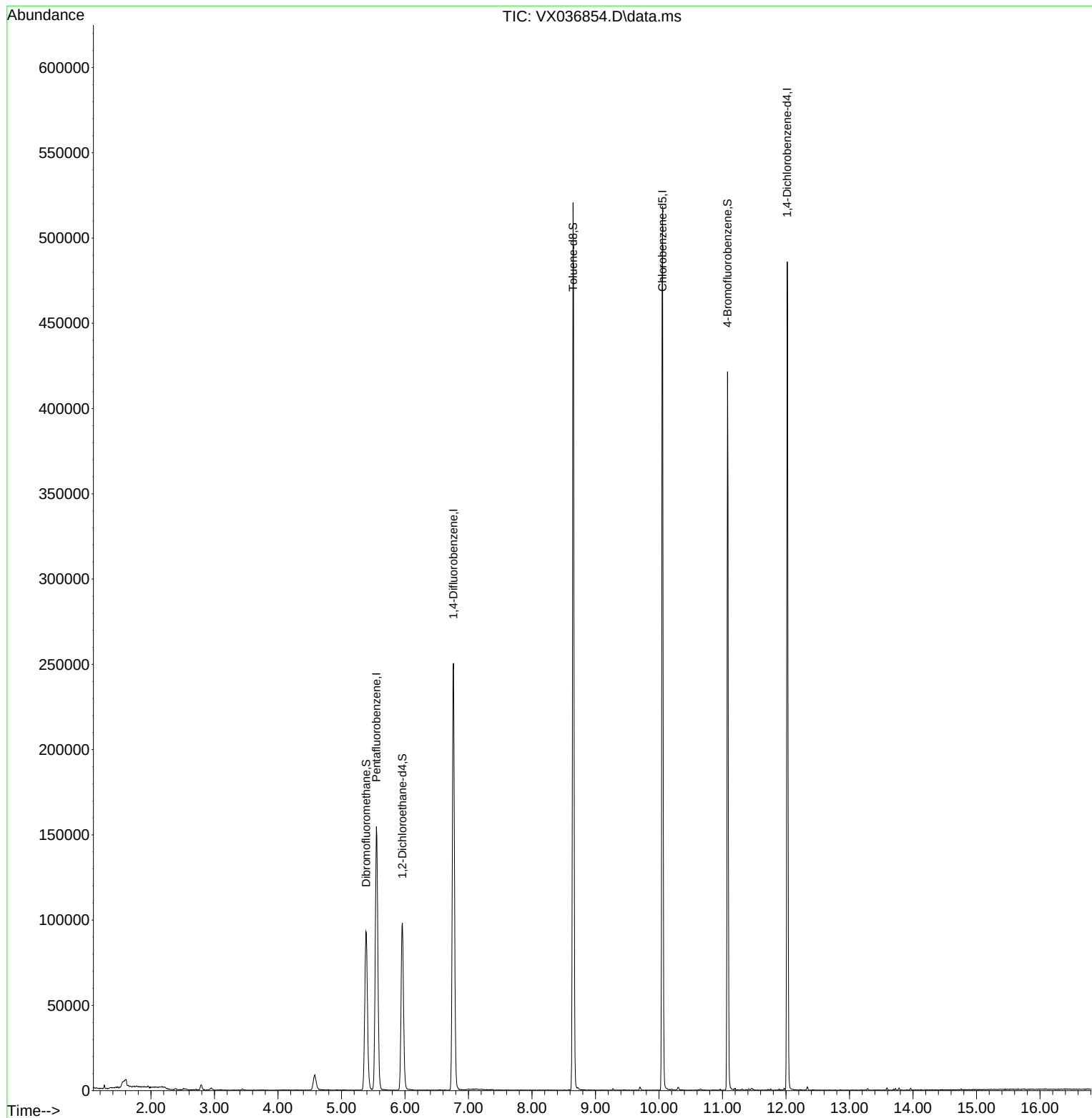
Target Compounds	Qvalue

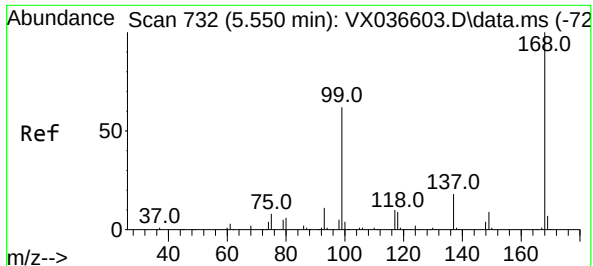
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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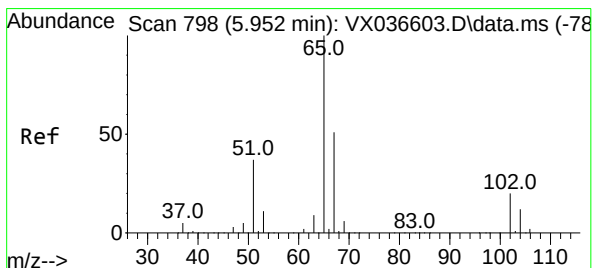
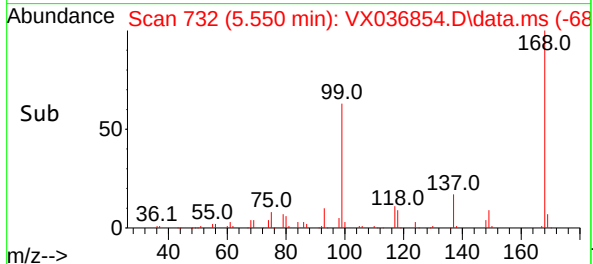
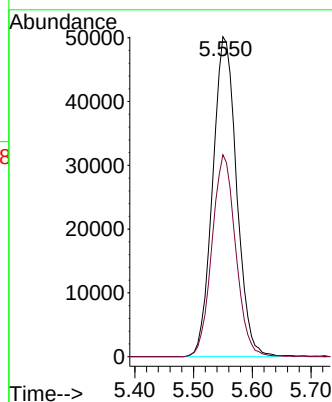
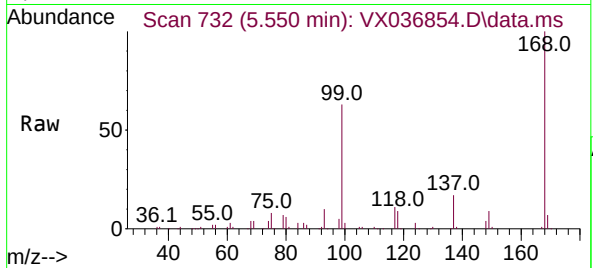




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

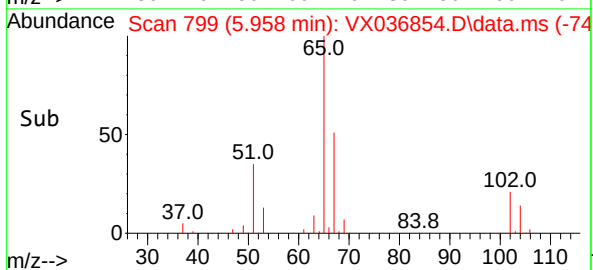
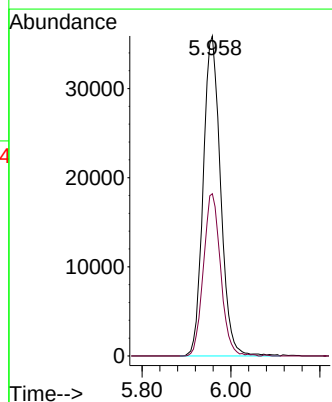
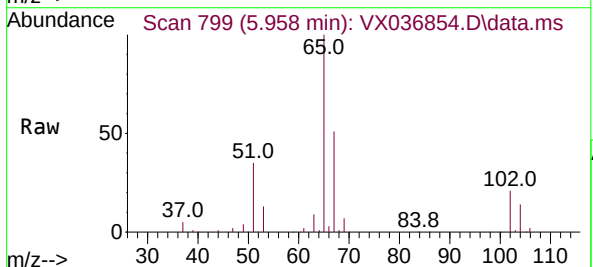
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

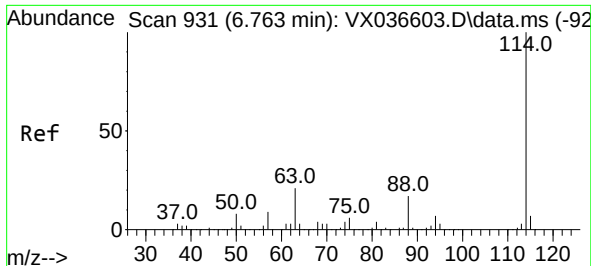
Tgt Ion:168 Resp: 142018
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.500 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 65 Resp: 97713
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

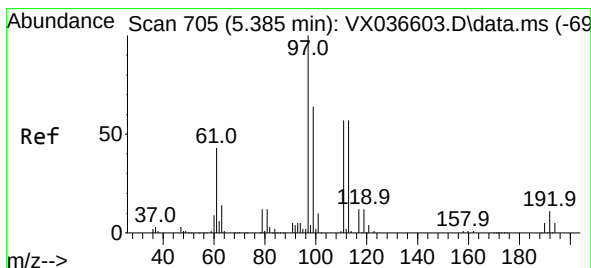
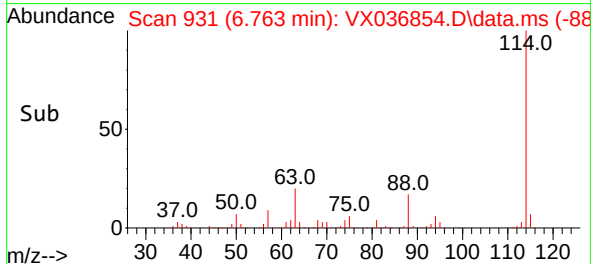
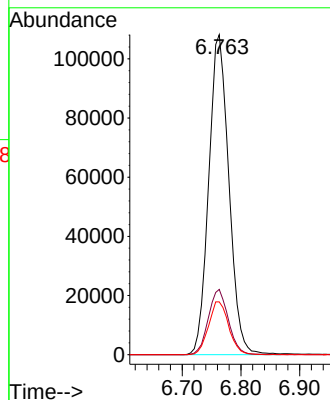
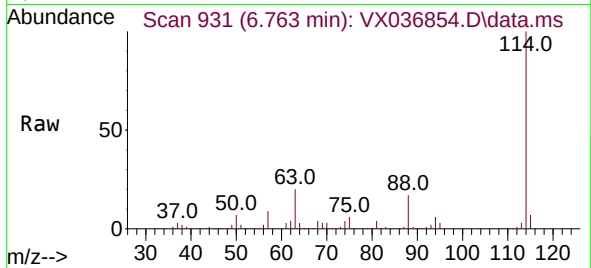




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

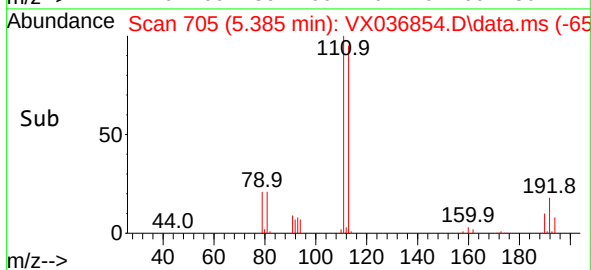
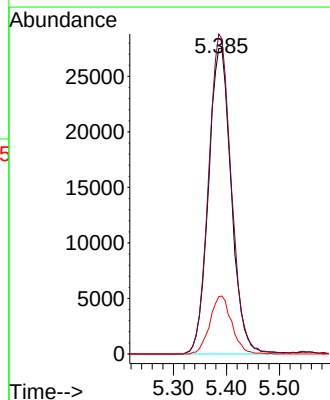
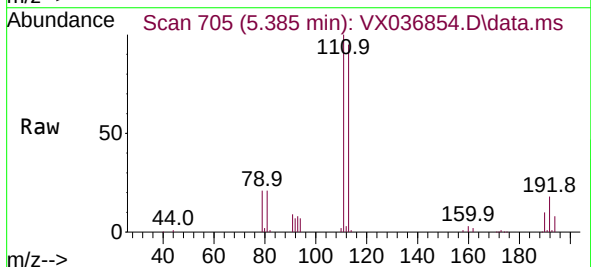
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

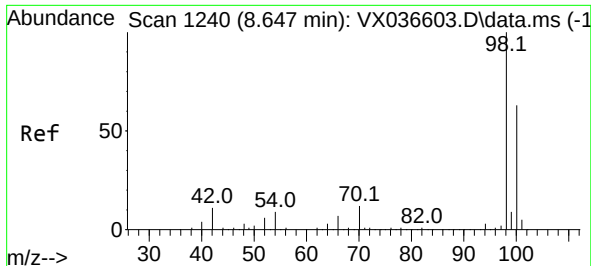
Tgt Ion:114 Resp: 257792
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.449 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion:113 Resp: 82303
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.1 13.3 19.9

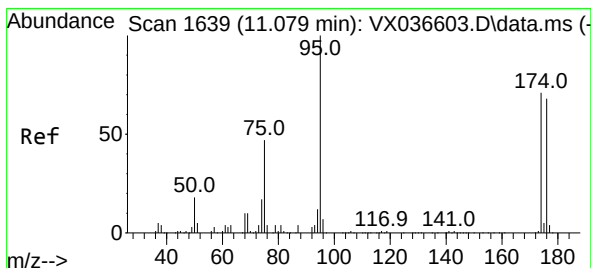
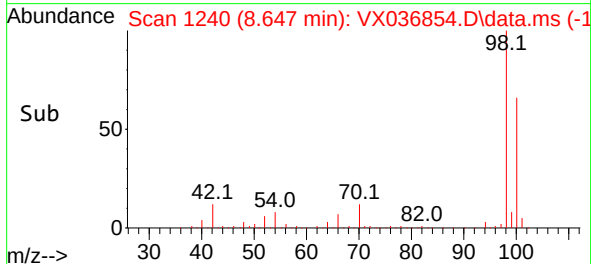
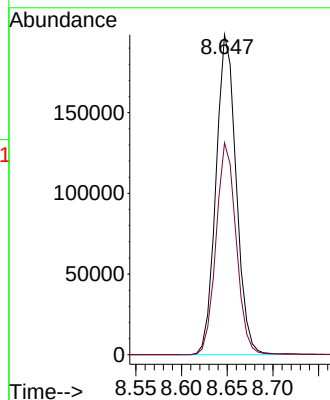
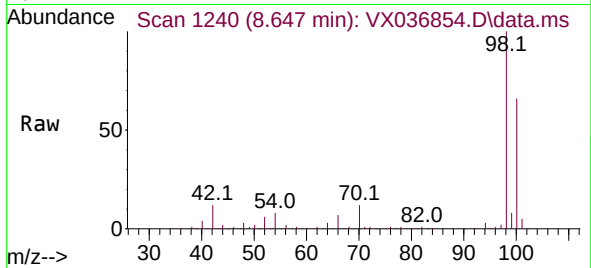




#50
Toluene-d8
Concen: 48.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

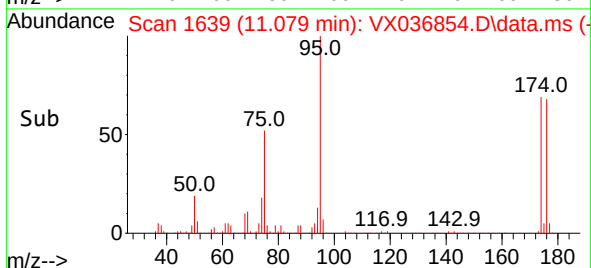
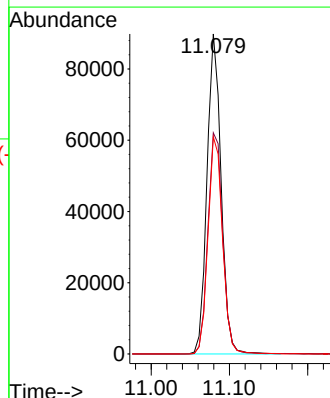
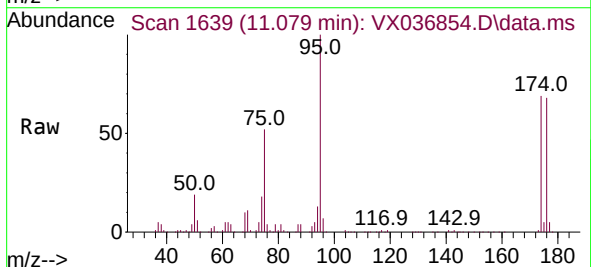
Instrument :
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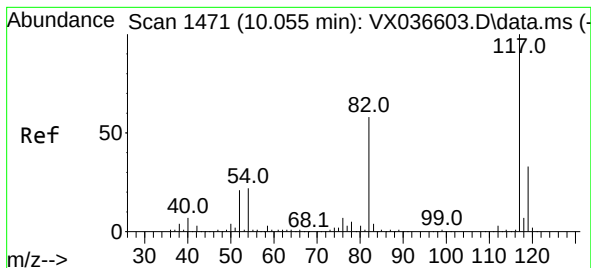
Tgt Ion: 98 Resp: 304732
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.205 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 95 Resp: 111908
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 69.9 0.0 131.0

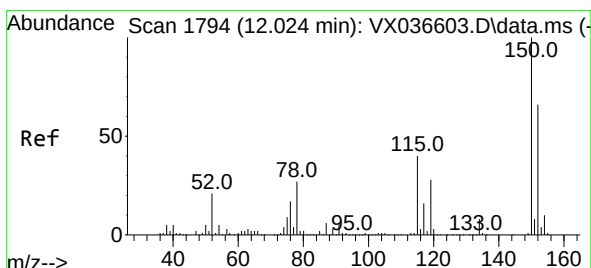
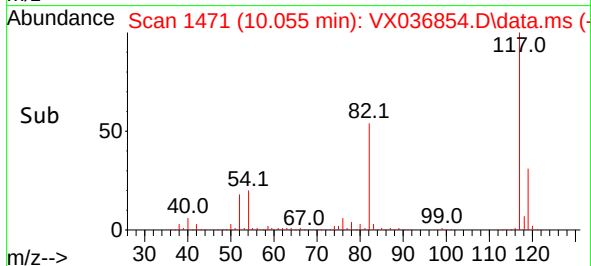
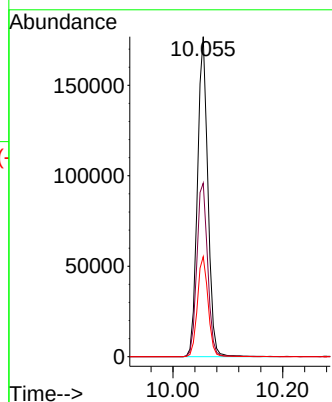
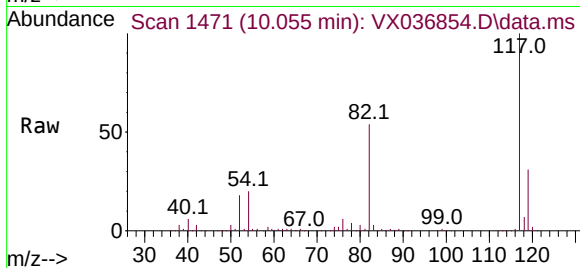




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

Tgt Ion:117 Resp: 234707
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion:152 Resp: 99890
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 157.3 0.0 345.0

